

In re Morel, J. L.

**In the Abstract:**

Please add the following Abstract as follows:

ABSTRACT

a9 A structure comprises light and simple elements enabling it to be easily constructed by one single person, without requiring lifting means or complex assembling means. All the elements are modular, such as prefabricated sandwich panels, posts, crossbeams and tie-rods. The sandwich panels consist of two plates having a height ranging between 0.7 m and 3.5 m made of a material based on hydrosilicate and conifer cellulose having a specific mass not more than 350 kg/m<sup>3</sup> and thickness ranging between 3 cm and 5 cm, maintained spaced apart by spacers arranged on the periphery of the plates at some distance from the edges thereof so as to form an inner casing and an outer groove, casing filled with insulating material. The stability of the structure is provided by tensioned crossbeams and/or tie rods maintaining the panels clamped in position. Prefabricated corner parts determine the shape of the structure.